

ROLLA GETS FAME

Two Alumni of School of Mines Attract Attention Through Discoveries.

THEIR WORK WORTH MILLIONS

Dr. McRae Tells Kansas City Audience of Success Made by Two of His Students.

It was D. C. Jackling, alumnus of the Missouri School of Mines, who developed the low grade copper industry to where it will contribute about three billion dollars' worth of copper, formerly thrown away, to the world's total output. This amount already is in sight.

It was H. R. Hanley of the Missouri School of Mines who discovered the electrolytic process by which the zinc is removed from complex ore, leaving marketable copper, gold and silver uncombed.

These are but two of the many alumni of the Missouri school who have added lustre to its name. They were spoken of by Dr. A. L. McRae, director of the school, in his address before the Kansas City Alumni the other night.

Through the Jackling organization, properties with a known total of 701 million tons of ore have been developed. Only fifteen years ago, he said, this ore was considered without value.

Mr. Hanley, Doctor McRae said, is superintendent of the Bully Hill Copper Mining Company at Winthrop, Cal. Complex ore was a problem before he developed the electrical treatment. The zinc became composed with the gold and silver, so, when it was sold for the copper, a penalty was exacted from the seller because of the presence of the other ores. By removing the zinc, not only is it saved, but the buyers now pay for the gold and silver present.

Speaking of others who have gone out from the Missouri School of Mines, Doctor McRae mentioned Durward Copeland. He was an instructor in metallurgy in the school and has gone with a South American mining company at a salary of \$1,000 a month and expenses. Emelio Diaz, superintendent of the same company, is a Missouri alumnus.

Send Library Books to Farms.

E. E. Johnson, postmaster at Sedalia, recently began a plan whereby residents of the rural districts of Pettis county may derive benefits from the public library by means of parcel post. A list of five hundred books in the library has been sent to each of the 110 schools in rural Pettis county. The teacher of each school serves as a sub-librarian. The pupils are given charts and any book on the list or which the pupils know to be contained in the library is sent by parcel post. This plan also includes the adult residents of the rural districts, but all books are sent through the schools.

Boy's Mind a Blank.

In the county jail at Hantaville, Sheriff Sam Magruder has in custody a 14-year-old boy who has lost his identity. The boy has forgotten his name, the names of his parents and the name of the town in which he lived. He was found on a farm west of the city several days ago.

Geo. Washington's Cousin Dies.

Charles Dean, 80 years old, a cousin of George Washington, is dead at Carthage. Records showing Mrs. Dean's relationship to the first president of the United States are in possession of the family.

Brookfield Stays Wet by 202.

In a local option election held at Brookfield the city went "wet" by a majority of 202, carrying every ward in the city. The fight for the "wet" side was led by the Daily Argus.

Sentenced a Boy to Prison.

George Cundiff, the 18-year-old boy who was charged with embezzling \$5,000 from the Wells Fargo Express Company at Macon June 10, and was captured in Wyoming, pleaded guilty in the circuit court the other day, was sentenced to five years in the penitentiary and paroled by Judge Shelton. Nearly all the money young Cundiff took was restored to the express company, of which he was an employee.

Proved Man Was Drunk.

Three months of legal procedure in Boone county was necessary to prove to a farmer living near Columbia that he was drunk last Fourth of July when a policeman arrested him. A decision was handed down in the Boone County Circuit Court recently and the farmer will pay his fine of \$1 and costs amounting to about \$75. He was fined in a justice of the peace court July 13, but appealed the case.

Engineer's Wife Dies.

Mrs. Mary Wood, widow of Thomas Wood, forty years a passenger engineer on the Missouri Pacific between Sedalia and Kansas City, is dead. She was born in Warrensburg, and had lived in Sedalia since 1872.

Moberly Merchant Dies.

J. S. Bowers, 68 years old, for many years a merchant at Moberly, is dead. He was a member of the Moberly board of education for twenty-eight years. He is survived by his wife and one son.

Moberly to Vote November 9.

The city council has designated November 9 as the date for the local option election to be held in Moberly. A petition bearing 461 signatures was presented to the circuit asking that a date be set for the election. Four years ago the "wets" carried the city by 800 votes.

Acquit a Missouri Mayor.

J. M. Bryant, merchant and mayor of Turney, was acquitted recently of a charge of murder for the killing of James Mullinix, May 31.

CLINTON BURNS OLD BONDS

Twenty Thousand Persons Cheered as Last of Old Railroad Paper Went Up in Smoke.

Residents of Henry county made a holiday recently to witness the burning of \$60,000 in cancelled bonds, all that remained of a \$600,000 issue voted for the Clinton branch of the Tebo & Neosho railway. Twenty thousand people saw the bonfire, listened to the speeches and consumed eight barbecued lambs, 6,000 pounds of beef, 650 gallons of burgoo soup, 1,800 loaves of bread and 20 boxes of crackers.

Former Judge John F. Phillips of Kansas City made the principal address. Walter S. Dickey and Senator James A. Reed also were among the speakers, who included John E. Swanger, John W. Jamison, John H. Lucas, John M. Atkinson, E. E. McJinney, Cornelius Roach, John P. Gordon, Frank W. Buffum, J. Kelley Pool and Senator William J. Stone. Governor Major wired his congratulations on the lifting of the debt.

In his talk, Judge Phillips, who represented Henry county in the long struggle through the courts in which an attempt was made to repudiate the bonds, traced the details of the fight which ended in the United States supreme court. Although the road for which the bonds were issued was not built, the fact that innocent purchasers had been drawn into the matter caused the supreme court to order the debt valid, said the speaker. He congratulated the people on lifting the burden, instead of attempting to evade payment after being held liable. He cited as an illustration of the folly of the opposite course, the present position of St. Clair county, which has a similar debt to pay after years of evasion.

Daniel M. Houser is Dead

Publisher of St. Louis Globe-Democrat Passes Away at His Home—Was 81 Years Old.

Daniel M. Houser, president of the Globe Printing Company and publisher of the St. Louis Globe-Democrat, died in St. Louis early the other morning.

Mr. Houser was 81 years old and for more than sixty years had been an active newspaper man. He was for many years a director of the Western Associated Press. He was born in Washington county, Maryland, and came to Missouri when a child. At the age of 16 years he became a bookkeeper in the office of the Union, a paper which was absorbed by the Missouri Democrat, which later became the Globe-Democrat. He had been with the paper only a few years when he became head bookkeeper and soon after general manager.

He had hardly reached his majority when he acquired an interest in the paper through the entrance of Frank P. Blair as senior partner of the Globe-Democrat corporation.

Abstractors Elect.

The Missouri Abstractors' Association adjourned at Mexico after electing officers and selecting Kansas City as the next meeting place. Officers were elected as follows: President, Nelson C. Burch, Jefferson City; vice president, Park M. Anderson, St. Louis; secretary-treasurer, Sam K. Black, Jr., Fulton. The executive committee is composed of the following: John T. Ricketts, Mexico, chairman; John M. Shields, Jackson; Robert Robert, Perryville; Emile Landmann, Sedalia; David Stuart, Chillicothe.

Temperance Lecturer Dies.

Hamilton Cook, wealthy farmer and pioneer temperance lecturer, is dead at the home of his son in Weston. His own home was on a Missouri farm near there, where he had lived since childhood.

Cuts Fourth Alfalfa Crop.

Alfred L. Dickmann of Pettis county is cutting his 15-acre field of alfalfa for the fourth time this year. The yield will be in excess of a ton to the acre with the three previous crops averaging over two tons to the acre.

Missouri Corn is Safe.

Recent frosts in Missouri will do little damage to corn. About 87 per cent was safe from frost on October 1, according to the state crop report. The yield promises to be 232 million bushels from 7,495,000 acres, 57 million more than last year's crop.

While hauling a load of wood near Jonesburg on the Old Trails Road, Michael Ramsours, 75 years old, was instantly killed when one of the standards holding the wood on the wagon broke, the wood falling on the team, which became frightened and ran off.

Caldwell County Pioneer Dies.

The Rev. J. W. D. Hunt, 85 years old, is dead at the home of his son, William Hunt, at Polo. He became a Baptist minister in 1874 and was an active preacher thirty years. He was baptized by Robert James, the father of Frank and Jesse James.

Warrensburg Merchant Dies.

John Lafayette Roberts, fifty years a merchant in Warrensburg, is dead at the home of his daughter, Mrs. Mose Wiley. He was born in Johnson county, Mo., eighty-one years ago.

No Estate to Slayer.

Probate Judge Holtcamp of St. Louis, ruled recently that a wife loses all interest in her husband's estate if she is convicted of killing him. The decision was given in the case of Mrs. Ada B. Owsley, who shot and killed her husband last March.

Horse's Kick Kills Child.

Nathan Van Buren Smith, 4-year-old son of Thomas D. Smith, a farmer of Pettis county, is dead as a result of being kicked by a horse the other day.

POULTRY FACTS

SLAT COOP FOR BROODY HENS

Persistent Sitter Discouraged by Being Placed in Grate by Herself—Fowl Soon Cools Off.

A popular method of discouraging "sitters" is to place the "broody" in a coop by herself supplied with a slatted bottom. This can be an inexpensive affair, and when set above the ground, allows no opportunity of building nests



The Broody Hens.

or of sitting with any degree of comfort; the circulation of air from the bottom also acts as a deterrent against broodiness. The illustration gives a good idea of what is meant by a slatted-bottom coop. To put in operating condition drive four posts into the ground, with each pair connected by cross bearers. To these laths should be nailed from 1 1/4 to 1 1/2 inch apart. Place coops so the laths will run from left to right, as shown in cut.

PREPARE FOR WINTER EGGS

Let Hens Get Accustomed to Changes and Back to Laying Before Cold Weather Has Set In.

Preparations that are to be made in the poultry yard for winter should be made early in the fall so the hens will become accustomed to the changes and have time to get back to laying before cold weather sets in. Remove all the old litter and nesting material and burn it. If allowed to accumulate in the yards it will serve as a wholesale incubator for disease germs, which may mean death to your fowls. The best plan is always to keep everything clean. It is the cheapest, too.

After everything has been removed from the house and it has had a thorough scrubbing, give it a good painting all over with whitewash and a disinfectant made of crude carbolic acid. If you cannot do this, any of the commercial disinfectants will do. Paint the roost with it an hour or two before the hens go to roost and it will do away with the lice.

If you are planning any new buildings or yards, they should be made at once, for it will be fatal to the production of winter eggs, if you wait until cold weather comes. The hens naturally require some time to get accustomed to new things.

GOOD FEED COOP FOR FRIES

Profitable Plan for Getting Rid of Male Chicks When About Three Months Old—How It is Made.

This drawing shows the plan of my coop for raising Leghorn, Rhode Island Red and guinea squabs. I find this a paying way to get rid of many male chicks when about three months old, writes Mrs. B. R. Buffum in Nebraska Farmer Journal. The coop was made of redwood flooring except the feed drawer, which is made of a store box. It is four feet long, two feet wide and three inches deep. The drawer is



Feed Coop for Fries.

covered with coarse wire netting. I put feed in the drawer once or twice a week and give a mash of corn or oatmeal and milk curd every other day. The chicks have plenty of water. The floor is covered with road dust from which the chicks get grit. The top of the coop is solid, but there are two screens fitted in underneath, so that the cover may be raised on pleasant days.

Whitewash Poultry Houses.

Use the spray pump to whitewash your poultry house. Make a good whitewash, adding a little carbolic acid, and spray the building thoroughly, covering every bit of the surface, and the house will be wonderfully sweetened.

Cooked Potatoes for Hens.

European poultrymen use potatoes in feeding to a much greater extent than do the poultrymen in this country. The potatoes, which are the unmarketable culls, are thoroughly cooked and used as the basis of a moist mash, thickened until the mash is crumbly with meal, bran and middlings. Potatoes should never be fed raw, as the hens will not eat them that way, but will scratch them over and waste them.

Important Information.

While it is interesting to know how many eggs a pullet will lay in a year, it is more important to ascertain how many eggs she will lay during the fall and winter, when they command the best prices.

Scrape Cause of Death.

Many birds die from eating bone and meat scraps which have been allowed to lie around exposed to the heat and the flies.

Green Food is Essential.

Poultry should have some sort of green food the year round.

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WHY HE PASSED UNNOTICED

Fairy Had Discovered Sure Way of Making Himself Invisible—Any-one Can Try It.

Once upon a time there was a good little girl.

And this good little girl asked her mother if she could go and play in the woods, and her mother said yes.

So she went to play in the woods. And she was walking along and what do you think she met? A fairy! And she was full surprised to meet a fairy, so she said to the fairy:

"Where do you come from?" And the fairy said: "This is where I live."

And the little girl said: "I never heard about any fairies living in these woods."

And the fairy said: "No, because nobody ever saw me here before. But you are a good little girl, so I let you see me."

And the good little girl said: "How do you manage to be seen by nobody, even though they walk right past you every day?"

"I lend them money,"—London Answers.

Someone Responsible. An angry man entered the water of ice of an eastern city the other day and fiercely announced to the clerk:

"Sir, you can send up and take your old gas meter out of my house."

"It isn't!" "No, sir; this is the water office."

"Oh, it is! Well, then, send a man up to my house at once and turn the water off! I'm not going to walk a mile and a half for nothing!"

THIS IS THE AGE OF YOUTH. You will look ten years younger if you darken your ugly, grizzly gray hairs by using "La Creole Hair Dressing"—Adv

If one doesn't believe that honesty is the best policy one should try it.

Man. "The Kaiser could have rid the world of flies, of mosquitoes, of consumption—he could almost have rid the world of disease—at less than what this war is costing him."

The speaker was Dr. Harvey W. Wiley. He continued:

"But men are like that. It is only big, grand, heroic things that attract men."

Alexander wept because he had no more worlds to conquer. But no man ever wept yet because there was no more coal to carry up or dishes to help his wife with."

Cause for Anxiety. "Gadspe tells me that while on his vacation this summer he was tossed about on one of the great lakes in a disabled launch for forty-eight hours before being rescued."

"That must have been a harrowing experience."

"Indeed it was. During all that time he didn't have the slightest idea of what the stock market was doing."

Reminded. "When the autumnal frosts touch the foliage with tints of red and yellow against the gray sky, doesn't that inspire you to thought?"

"I certainly do. The reds and yellows make me think of the job ahead of me tending the furnace, and the grays make me think of the dust when I sift the ashes."

A Shining Mark. Hazel—is he as stupid as he looks? Almee—Oh, dear, no. He is the only heir of a millionaire uncle.

GOOD ENOUGH AS A SAMPLE

Quality of Helping Was All Right, But in Quantity It Left Much to Be Desired.

Jacky had been asked out to a "grown-up" dinner. Swelling with pride, he took his seat at the bottom of the table and looked round—slightly awestruck—at the imposing collection of aunts and uncles.

Then his attention became fixed on the ancient relative who was carving an enormous turkey, and his mouth watered as he saw the big helpings being handed round.

But the carver, who did not know much about little boys, cut off a tiny portion for Jacky.

"Is that the part of the bird you like, my little man?" he asked, as the servant handed Jack the plate.

Jack looked at it for a moment, and then handed it back.

"Yes," he said; "I'll have some of that, please."

SAVED MINISTER'S LIFE. Rev. W. H. Warner, Frederick, Md., writes: "My trouble was Sciatica. My back was affected and took the form of Lumbago. I also had Neuralgia, cramps in my muscles, pressure or sharp pain on the top of my head and nervous dizzy spells. I had other symptoms showing that my kidneys were at fault, so I took Dodd's Kidney Pills. They were the means of saving my life."

Dodd's Kidney Pills, 50c per box at your dealer, or Dodd's Medicine Co., Buffalo, N. Y. Dodd's Dyspepsia Tablets for indigestion have been proved, 50c per box. Write for Household Hints, also music of National Anthem (English and German words) and recipes for dainty dishes. All sent free.—Adv.

It is difficult to convince the head of the house that two heads are better than one.

Bright as Day! The steady, brilliant light shed by a RAYO lamp drives away the gloom of long winter evenings. No need to go to bed because there is nothing else to do when the glow of the RAYO on the center table invites a restful hour of reading or sewing. Saves your eyes, too—which is yet more important. No danger of eye-strain when you light your home with

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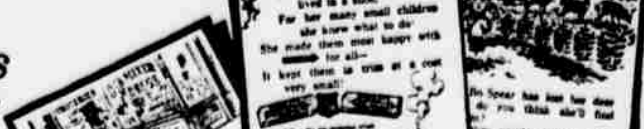
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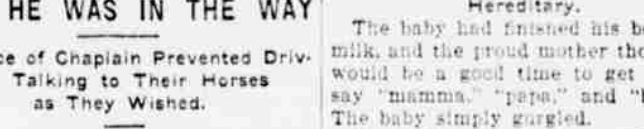
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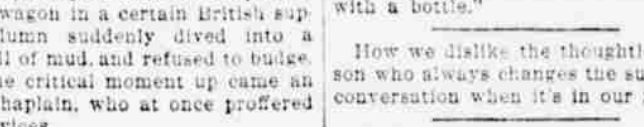
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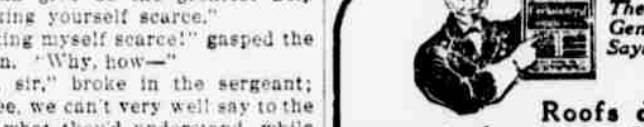
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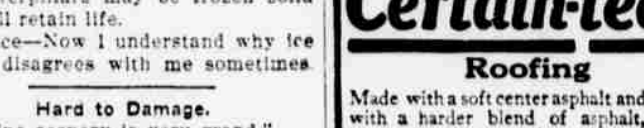
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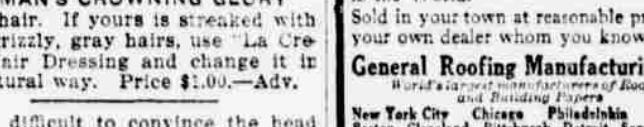
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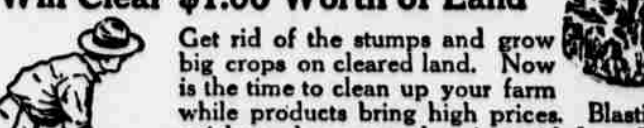
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